First & Final bill

Work Code: 003-22-000029

Recorded on:-

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Reference to Agreement No:- BBMP/EE/YNK.D/EPMT-04/W.O/25/2022-23

Serial No. 585439

Name of work ..... From ..... To ..... Date 24/07/2022

Name of Contractor of nature of Agency.....

Date of commencement of work..... Est Cost Rs. 200.00 Lakhs

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- IMPROVEMENTS AND ASPHALTING TO CHIKKADINNE AND SURROUNDING AREAS IN ATTUR WARD NO 03 OF YELAHANKA SATELLITE TOWN SUB DIVISION.						
	Name of Contractor and Full Address:- Sri. RAMESH Y.B S/o Baba - Voraj, No-34, Sri Durga paramesheevari Nilaya, Dowri Bazaar Road Yelahanka, Bangalore - 560064.						
	(1) Removing and refixing stone slabs of drains and pointing in cm(1:3) and as per the directions of the engineer-in-charge of the work.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Quantity vide E-Bill: 852.23 m^2 @Rs. 116.75						99,498.00
	(2) Earthwork excavation by manual means for roads drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed. The disposed earth to be levelled neatly after breaking of clods complete as per Specification.						
	Quantity vide E-Bill: - 1501.74 m^3 @Rs. 214.63						3,22,320.00
	(3) Providing one line dressing to granite stone slab/ granite stone masonry as per specification and as per the directions of the engineer in charge of the work.						

Serial No. .....
Name of work .....
Name of Contractor of n
Date of commencement

Date 1	Full descript 2
	(4) Providing @ 220 Kgs Coarse agg -dation m by vibrat labour. lete, a

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585440

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide E-Bill :-				89.91 m²	
					CRS.	997.41	89,678.00
	(4) Providing and laying plain cement concrete of mix 1:3:6 with opc @ 220 Kgs with crushed 40mm and down size graded granite metal coarse aggregates @0.89 cum and fine aggregates @0.46 cum, in foundation mechanically mixed placed in foundation and compacted by vibration including curing for 14 days including cost of all materials labour. Hom curing, formwork, scaffolding and centering complete as per specifications and as per the directions of the engineer-in-						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	-charge of the work.	Quantity vide E-Bill:-				198.19 m³ CRS. 6637.23	13,15,417.00
	(5) Providing laying plain/reinforced cement concrete for side drains using m20 nominal mix concrete with opc at 300kg/m³ with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed well compacted for wall and bottom including centering & shuttering cost of materials, hire of machinery curing etc complete as per specification.	Quantity vide E-Bill:-				415.80 m³ CRS 7579.74	31,51,668.00

Serial No. .....
Name of work .....
Name of Contractor of natur
Date of commencement of w

Date	Full description,
1	2
	(6) Providing straightening -ing wherever -ing members wastage & stall of machin engineer - in
	(7) Providing

M. A. R. 57 (Rule 116) No. E 585441

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(6)	Providing Tor, bars Fe 500 steel reinforcement for RCC works including straightening cutting bending hooking placing in position lapping and/or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary Complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, Hire of machinery Complete as per Specification. and as per the directions of the engineer-in-charge of the work.						
	Quantity vide E-Bill :-					24.88 Tonne	2405243.00
					CRS.	96673.74	2405543.00
(7)	Providing and fixing pre Cast Covering slab made out of CC 1:2:4						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	with 100mm Thick and finishing cutting including forum work curing including cost of all materials labour hire charges of machinery loading and unloading, lead and lift, transportation etc complete and as per the directions of the engineer-in-charge of the work.						
	Quantity vide E-Bill:- 1103.39 m²						
						CRS. 2457.57	27,04,960.00
(8)	Providing and fixing pre cast covering slab 250 mm Thick made out of cc 1:2:4 and jally 20mm down size with steel reinforcement including forum work, curing including cost of all materials, labour hire charges of machinery loading unloading lead and lift transportation etc complete and as per the directions of the						

Serial No. .....
Name of work .....
Name of Contracto
Date of commence

Date	Full de
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	Engine
(9)	Excavat includi slopes section as per of The

M. A. R. 57 (Rule 116) No. E 585442

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	engineer-in-charge of the work.						
	Quantity vide E-Bill:- 54.72 m²						
	@ RS. 5683.48						₹11,001.00
	(9) Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections and transportation with a lead of 1.00 km and complete as per specifications and directions of the engineer-in-charge of the work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide E-Bill:- 208.70 m³ @Rs. 75.00					15653.00
	(10) Compaction of original ground by mechanical means including filling in depressions occuring during rolling including cost of all labour item complete as per specifications and as per the directions of engineer-in-charge of the work.						
		Quantity vide E-Bill:- 481.98 m² @Rs. 6.67					3215.00
	(11) Construction of embankment with material Gravel, murum KSRRB m300-53 Construction of embankment with approved material Gravel murum with all lifts and leads,						

Serial No. .....
Name of work .....
Name of Contractor of na
Date of commencement

Date	Full descripti
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	transport -ting to tions. ar up to 12
	Above
	(12) Constru

M. A. R. 57 (Rule 116) No. E 585443

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	transporting to site, spreading, grading to required slope and compac-ting to meet requirement table 300-2 complete as per specifica-tions and as per the directions of the engineer incharge of the work.						
	up to 125% of qty:-						
		Quantity vide E-Bill:-				115.60m³ @Rs. 463.87	53,624.00
	Above 125% of qty:-						
		Quantity vide E-Bill:-				103.40m³ @Rs. 463.87	47,964.00
(12)	Construction of granular sub base Grading-V as sub base &						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	drainage layer by providing coarse graded Crushed Stone aggregates of granite/trap/basalt material mixing in mechanical mix plant at one carriage of mixed material to work site, spreading in uniform layers with motorgrader on prepared surface and compacting with vibratory Power roller to achieve the 98% proctor density completed per specifications and as per the directions of the engineer incharge of the work.						
	qty up to 125% :-	quantity vide E-Bill:- 43.35 m^3 CRS. 2708.20					117401.00
	qty above 125% :-	quantity vide E-Bill:- 28.95 m^3 CRS. 2708.20					78397.00

Serial No. .....
Name of work .....
Name of Contractor of
Date of commenceme

Date	Full descri
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	(13) Providin gates of includ -ical m in uni prepare The de -ations

M. A. R. 57 (Rule 116) No. E 585441

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	(13) Providing laying, Spreading and Compacting Crushed Stone aggregates of granite/trap/basalt to wet mix macadam Specification including pre mixing the material with water at one in mechanical mix plant Carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density Complete as per Specifications and as per the directions of the engineer in charge of the work.						
	Quantity vide E-Bill:-					318.39 m³	879534.00
					@Rs.	2762.44	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(14) Cleaning the existing WBM Road Surface with loading removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or Compressed air to receive bituminous treatment including cost of all materials labour, Hire of machineries Complete as per the directions of the engineer in charge of the work. Quantity vide E-Bill:-1628.95 m² CRS. 23-35						38036.00
	(15) Providing and applying primer Coat with SS bitumen emulsion on prepared surface of granular base such as WBM including cleaning of road surface and spraying primer						

Serial No. .....
Name of work .....
Name of Contractor of
Date of commencemen

Date	Full descri
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	at the Specifi of the
	(16) Providin Crushed bituminous ing to wheeled

M. A. R. 57 (Rule 116) No. E

Measurement Book

585445

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	at the rate of 0.60 kg / sqm using mechanical means complete as per specification and as per the direction of the engineer-in-charge of the work.						
	Quantity vide E-Bill:-					2903.53 m²	1,47,413.00
						@Rs. 50.77	
(16)	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading premixed with VG30 grade bituminous binder and transporting to hot mix to work site, laying to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	4	5	7	8
	in all respects Complete as per Specifications clause 505 of MORTH revisionng 40/60 TPH Capacity Hmp with mechanical power Gr-II (50mm to 75mm) with 4.5% VG-30 bitumen and as per the direction of the engineer in charge of the work.						
	Quantity vide E-Bill:- 145.18 m³ @RS. 11410.92						1656599.00
(17)	Clearing the existing black topped surface with broom & soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials labour Hire of machineries Complete as per specifications and as per the directions of the engineer in charge of the work.						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585446

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide E-Bill:				4173.66m²	
					CRS.	5.56	23,206.00
	(18) Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 Sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour Hire complete as per specifications and as per the directions of the engineer in charge of the work.						
		Quantity vide E-Bill:				4658.27m²	
					CRS.	17.31	80,635.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(19) Providing and laying bituminous Concrete using Crushed aggregates of specified grading premixed with bituminous binder and filler, transporting the hot mix to work site laying with Paver finisher to the required grade level and alignment rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Quantity vide E-Bill:- 186.33 m³ @Rs. 13305.62						24,79,250.10
	(20) Road marking with Hot Applied Thermoplastic Compound with Reflectorising glass beads on bituminous surface / Concrete surface, providing and laying of hot applied Thermoplastic Compound 2.5mm Thick including reflectorising glass beads at 250gms per						

Serial No. .....
Name of work .....
Name of Contractor of n
Date of commencement

Date	Full descripti
1	2
	Spoon area beads of level w specifi cati of the c
	(21) Loading a Kankar/ engineer

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585447

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5mm area. Thickness of 2.5mm is exclusive of surface applied glass beads as per IRC 35 standards specified. The finished surface to be level uniform and free from streaks and holes complete as per specifications and as per the directions of the engineer-in-charge of the work. Quantity vide E-Bill: 224.72 m² CRS. 557.56					1,23,947.00	
	(21) Loading and unloading of stone boulder/stone aggregates/ sand/ kankar/ murum (Tipper 14 m³) and as per the directions of the engineer in-charge of the work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide E-Bill:- 1710.45 m³ @Rs 85.39					1,46,056.00
(22)	Cost of Haulage excluding loading and unloading 18T load and lead 10 Kms = 180 t-Kms and as per the directions of the engineer in charge of the work.					Taking output	
		Quantity vide E-Bill:- 2189.37 t-Kms @Rs. 121.16					2,65,265.00
(23)	Providing and laying in position Reinforced Cement Concrete for all sub structures of buildings, irrigation works, sub structure works of bridges, Dam works & other parallel works from 0.5m to 3.5m height. The granite/trap/basalt crushed graded coarse aggre						

Serial No. .....
Name of work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, e
1	2
	-gates and fi super plasti -ding weep h materials o labour ch the work.
(E-2)	Providing a out of m20 high and 45

M. A. R. 57 (Rule 116) No. E

Measurement Book

585448

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	-gates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers, laid in layers well compacted using needle vibrators, providing weep holes wherever necessary, including all leads & lifts cost of all materials of quality. Confirming to the requirements to relevant IS Codes labour charges per specifications and directions of the engineer in charge of the work.						
	Quantity vide E-Bill :-					12.76 cm3	86563.00
						@Rs. 6784.93	
E-2	Providing and fixing pre cast solid cement concrete kerb stones made out of m20 with top and bottom width 114 and 165mm respectively, 400mm high and 450 mm in length finished with cm 1:3 plastering and finishing						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	cutting including formwork, curing including cost of materials labour charges of machinery, loading unloading, lead and lift transportation etc. complete as per specification and directions of the engineer in charge of the work.						
	Quantity vide E-Bill:- 1418.00 Nos @ Rs. 531.84						754154.00
E-3	painting two coats on new concrete surface painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces and as per the directions of the engineer in charge of the work.						
	Quantity vide E-Bill. 248.96 m^2 @ Rs. 98.08						24419.00

Serial No. .....
Name of work .....
Name of Contractor of na
Date of commencement

Date	Full descriptio
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M. A. R. 57 (Rule 116) **No. E** 585449

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sub Total — 1,74,21,416-00				Sub Total :-		17421416.00
	GST@18% — 31,35,800-00				GST (18%)		31,35,855.00
	Total — 2,05,56,916-00				Total Amount:		2,05,57,271.00

CERTIFICATE:-

1) The work executed by the Contractor is found Satisfactory.

2) The Contractor has removed the debris from the work spot.

3) There are no departmental issues for this work.

08/12/2022 AE

AE

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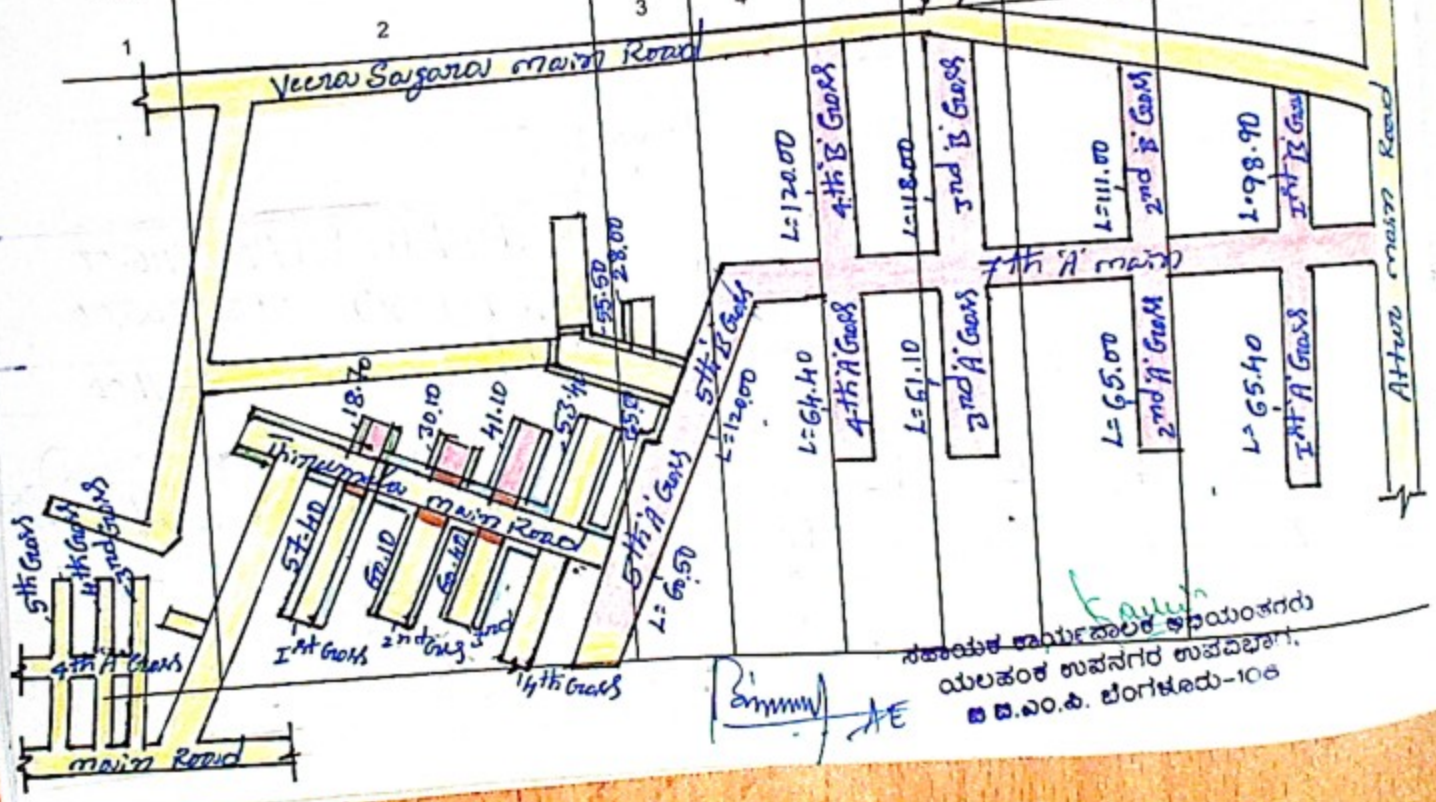
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಡಿ.ಎ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-106

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Serial No. .....
Name of work .....
Name of Contractor of m
Date of commencement

Date	Full descrip
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- C.C
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- C C
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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585450

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	INDEX :-						
	☐ - Asphalt Roads						
	☐ - c.c culvert						
	☐ - c c Drain						
	☐ - c c Drain & Kerb						
	☐ - Existing Roads						

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585450

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	INDEX :-						
	☐ - Asphalt Roads						
	☐ - C.C culvert						
	☐ - C C Drain						
	☐ - C C Drain & Kerb						
	☐ - Existing Roads						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಡಿ.ಎ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-106

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
		3	4	5	6	7	8
1	1st and Final Bill					Job Code : 003-22-000029 SBR NO: 93/22-23 dt : 17/1/2023	

Gross Amt =Rs 2,05,56,000=00
Penalty ~~FSD~~ =Rs 2400=00
CGST = Rs 1,83,536=00
SGST = Rs 1,83,536=00
IT = Rs 2,05,560=00
LC = Rs 2,05,560=00
CBF = Rs 20556=00
Audit Recovery 1,60,224=00
Royalty =Rs 3,10,000=00
T.D. = Rs 12,71,372=00
Net Amt=Rs 1,92,84,628=00

Audited & Admitted for Rs. 2,05,56,000=00

1,92,84,628=00 by Cheque
and Rs 12,71,372=00 by Disusement

Accts. Suptd.
Yelahanka Division
BBMP

Executive Engineer
Yelahanka Division
BBMP